

Day : Tuesday  
Date: 1/16/2007

Time: 11:35:20

 **PALM INTRANET****Inventor Information for 10/811894**

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[Appn Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity/Reexam](#) [Foreign](#)

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PCT /  /   or PG PUBS #    
Attorney Docket #    
Bar Code #

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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

|                         |              |          |  |         |                                 |                            |
|-------------------------|--------------|----------|--|---------|---------------------------------|----------------------------|
| US<br>20060177344<br>A1 | US-<br>PGPUB | 20060810 | Automatic analyzer   | 422/64  | 422/102                         | Ouchi; Katsumi<br>et al.   |
| US<br>20060110288<br>A1 | US-<br>PGPUB | 20060525 | Analyzer system having<br>sample rack transfer line  | 422/63  | 422/64                          | Mimura;<br>Tomonori et al. |
| US<br>20060094941<br>A1 | US-<br>PGPUB | 20060504 | Optical measurement<br>apparatus and blood<br>sugar level measuring<br>apparatus using the<br>same | 600/316 | 600/365;<br>600/549             | Cho; Ok-Kyung<br>et al.    |
| US<br>20060084854<br>A1 | US-<br>PGPUB | 20060420 | Blood sugar level<br>measuring apparatus   | 600/365 | 600/316;<br>600/326;<br>600/549 | Cho; Ok-Kyung<br>et al.    |
| US<br>20060084853<br>A1 | US-<br>PGPUB | 20060420 | Blood sugar level<br>measuring apparatus   | 600/365 | 600/323                         | Cho; Ok-Kyung<br>et al.    |
| US<br>20060079742<br>A1 | US-<br>PGPUB | 20060413 | Method and apparatus<br>for measuring blood<br>sugar levels  | 600/365 | 600/316;<br>600/326;<br>600/549 | Cho; Ok-Kyung<br>et al.    |
| US<br>20060063990<br>A1 | US-<br>PGPUB | 20060323 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/365                         | Cho; Ok-Kyung<br>et al.    |
| US<br>20060015022<br>A1 | US-<br>PGPUB | 20060119 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/323                         | Cho; Ok-Kyung<br>et al.    |
| US<br>20060004268<br>A1 | US-<br>PGPUB | 20060105 | Blood sugar level<br>measuring apparatus   | 600/315 |                                 | Cho; Ok-Kyung<br>et al.    |
| US<br>20050251000<br>A1 | US-<br>PGPUB | 20051110 | Blood sugar level<br>measuring apparatus   | 600/365 | 600/549                         | Cho, Ok-Kyung<br>et al.    |
| US<br>20050250999<br>A1 | US-<br>PGPUB | 20051110 | Blood sugar level<br>measuring apparatus   | 600/365 | 600/309;<br>600/549             | Cho, Ok-Kyung<br>et al.    |
| US<br>20050192492<br>A1 | US-<br>PGPUB | 20050901 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/365                         | Cho, Ok-Kyung<br>et al.    |
| US<br>20050192491<br>A1 | US-<br>PGPUB | 20050901 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/365                         | Cho, Ok-Kyung<br>et al.    |
| US<br>20050187442<br>A1 | US-<br>PGPUB | 20050825 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/365                         | Cho, Ok-Kyung<br>et al.    |
| US<br>20050182311<br>A1 | US-<br>PGPUB | 20050818 | Blood sugar level<br>measuring apparatus   | 600/365 | 600/549                         | Cho, Ok-Kyung<br>et al.    |
| US<br>20050182310       | US-<br>PGPUB | 20050818 | Blood sugar level<br>measuring apparatus   | 600/316 | 600/365;<br>600/549             | Cho, Ok-Kyung<br>et al.    |

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|-------------------|----------|----------|--|---------|--|--------------------------|
| A1                |          |          |  |         |  |                          |
| US 20050124868 A1 | US-PGPUB | 20050609 | Blood sugar level measuring apparatus  | 600/309 |  | Cho, Ok-Kyung et al.     |
| US 20050080324 A1 | US-PGPUB | 20050414 | Blood sugar level measuring method and apparatus                                       | 600/365 | 128/920; 600/323; 600/549              | Cho, Ok-Kyung et al.     |
| US 20050070777 A1 | US-PGPUB | 20050331 | Blood sugar level measuring method and apparatus                                       | 600/365 | 600/326; 600/549                       | Cho, Ok-Kyung et al.     |
| US 20050065415 A1 | US-PGPUB | 20050324 | Optical measurement apparatus and blood sugar level measuring apparatus using the same | 600/316 | 600/326                                | Cho, Ok-Kyung et al.     |
| US 20050010094 A1 | US-PGPUB | 20050113 | Blood sugar level measuring apparatus  | 600/365 | 600/323; 600/549                       | Cho, Ok-Kyung et al.     |
| US 20040260165 A1 | US-PGPUB | 20041223 | Blood sugar level measuring apparatus  | 600/365 | 600/324; 600/326; 600/483              | Cho, Ok-Kyung et al.     |
| US 20040225209 A1 | US-PGPUB | 20041111 | Blood sugar level measuring apparatus  | 600/365 | 600/326; 600/549                       | Cho, Ok-Kyung et al.     |
| US 20040141882 A1 | US-PGPUB | 20040722 | Analyzer system having sample rack transfer line                                       | 422/63  | 422/64                                 | Mimura, Tomonori et al.  |
| US 20020172161 A1 | US-PGPUB | 20021121 | Reagent setup method and reagent setup processing equipment                            | 370/252 | 370/254                                | Nishida, Masaharu et al. |
| US 20020110488 A1 | US-PGPUB | 20020815 | Chemical analyzer and chemical analyzing system  | 422/63  | 422/100                                | Miyake, Ryo et al.       |
| US 20020107642 A1 | US-PGPUB | 20020808 | Method and apparatus for managing consumer goods used in an analyzer                   | 702/23  |  | Nishida, Masaharu et al. |
| US 20020106815 A1 | US-PGPUB | 20020808 | Reagent setup method and reagent setup processing equipment                            | 436/183 | 422/63; 422/67; 422/99; 436/43; 702/23 | Nishida, Masaharu et al. |
| US 20020012614 A1 | US-PGPUB | 20020131 | LIQUID FEED APPARATUS AND AUTOMATIC ANALYZING APPARATUS                                | 422/103 | 417/413.2; 417/413.3; 436/180          | KOIDE, AKIRA et al.      |
| US 7156810 B2     | USPAT    | 20070102 | Blood sugar level measuring method and apparatus                                       | 600/365 |  | Cho; Ok-Kyung et al.     |
| US 7120478        | USPAT    | 20061010 | Blood sugar level  | 600/316 |  | Cho; Ok-Kyung            |

| B2               |       |          | measuring apparatus   |           |   | et al.                       |
|------------------|-------|----------|---|-----------|---|------------------------------|
| US 7011792<br>B2 | USPAT | 20060314 | Analyzer system having sample rack transfer line  | 422/67    | 422/63; 422/64;<br>422/65; 436/43;<br>436/47; 436/48;<br>436/49; 436/50   | Mimura;<br>Tomonori et al.   |
| US 6954661<br>B2 | USPAT | 20051011 | Blood sugar level measuring apparatus   | 600/316   | 600/322;<br>600/326   | Cho; Ok-Kyung et al.         |
| US 6852282<br>B2 | USPAT | 20050208 | Chemical analyzer and chemical analyzing system   | 422/63    | 422/101;<br>422/104; 422/64;<br>422/67; 422/70;<br>422/81; 436/180  | Miyake; Ryo et al.           |
| US 6827902<br>B1 | USPAT | 20041207 | Biochemical analyzer  | 422/65    | 422/63; 422/99;<br>436/46; 436/47;<br>436/48  | Kuriyama;<br>Hiroyuki et al. |
| US 6733728<br>B1 | USPAT | 20040511 | Analyzer system having sample rack transfer line  | 422/65    | 422/67  | Mimura;<br>Tomonori et al.   |
| US 6599749<br>B1 | USPAT | 20030729 | Method of conveying sample rack and automated analyzer in which sample rack is conveyed | 436/47    | 422/65; 422/67;<br>436/48   | Kodama;<br>Ryuichiro et al.  |
| US 6599477<br>B1 | USPAT | 20030729 | Chemical analysis apparatus   | 422/64    | 414/416.05;<br>422/100;<br>422/103;<br>422/104; 422/63;<br>422/67; 436/180;<br>436/43; 436/47;<br>436/49; 436/54            | Miyake; Ryo et al.           |
| US 6500388<br>B1 | USPAT | 20021231 | Automatically analyzing apparatus   | 422/64    | 134/169R;<br>134/21;<br>134/22.11;<br>134/24; 134/26;<br>134/27; 422/100;<br>422/63; 436/179;<br>436/180; 436/47;<br>436/49 | Nagaoka;<br>Yoshihiro et al. |
| US 6444171<br>B1 | USPAT | 20020903 | Sample processing system  | 422/65    | 422/67; 436/47;<br>436/48   | Sakazume; Taku et al.        |
| US 6383452<br>B1 | USPAT | 20020507 | Chemical analyzer and chemical analyzing system   | 422/63    | 422/101;<br>422/104; 422/64;<br>422/67; 422/70;<br>422/81; 436/180  | Miyake; Ryo et al.           |
| US 6283730<br>B1 | USPAT | 20010904 | Micro pump and method of producing the same   | 417/413.3 |   | Sasaki; Yasuhiko et al.      |
| US 6261521<br>B1 | USPAT | 20010717 | Sample analysis system and a method for operating the same                              | 422/67    | 422/63; 422/65;<br>436/43; 436/47;<br>436/48; 436/50;<br>700/266  | Mimura;<br>Tomonori et al.   |
| US 6197255       | USPAT | 20010306 | Chemical analyzing  | 422/64    | 134/21;   | Miyake; Ryo et               |

|                  |       |          |  |         |   |                             |
|------------------|-------|----------|--|---------|---|-----------------------------|
| B1               |       |          | apparatus  |         | 134/22.11;<br>134/24; 134/26;<br>134/37; 422/100;<br>422/103; 422/63;<br>422/67; 436/180;<br>436/43; 436/47;<br>436/49; 436/54                  | al.                         |
| US 6193933<br>B1 | USPAT | 20010227 | Automatic analysis apparatus   | 422/64  | 422/100;<br>422/102;<br>422/104; 422/63;<br>436/180; 436/43;<br>436/45; 436/47;<br>436/49; 436/54   | Sasaki; Yasuhiko et al.     |
| US 6117683<br>A  | USPAT | 20000912 | Method of conveying sample rack and automated analyzer in which sample rack is conveyed  | 436/47  | 422/65; 422/67;<br>436/48   | Kodama;<br>Ryuichiro et al. |
| US 6117392<br>A  | USPAT | 20000912 | Automatic analyzing apparatus  | 422/65  | 422/67; 436/47;<br>436/48; 436/50   | Hanawa; Masaaki et al.      |
| US 6080364<br>A  | USPAT | 20000627 | Automatic analyzer and support system therefor   | 422/67  | 422/63; 422/65;<br>436/43; 436/47;<br>436/50  | Mimura;<br>Tomonori et al.  |
| US 6019945<br>A  | USPAT | 20000201 | Sample analysis system   | 422/65  | 422/63; 436/43;<br>436/47; 436/48   | Ohishi; Tadashi et al.      |
| US 5985215<br>A  | USPAT | 19991116 | Analyzing apparatus having a function pipette samples  | 422/67  | 422/100;<br>422/105;<br>422/108; 422/63;<br>422/65; 422/81;<br>436/43; 436/47;<br>436/48; 436/49;<br>436/50; 436/54;<br>73/864.23;<br>73/864.24 | Sakazume; Taku et al.       |
| US 5972295<br>A  | USPAT | 19991026 | Automatic analyzing apparatus  | 422/65  | 422/63; 422/67;<br>436/43; 436/47;<br>436/48; 436/50  | Hanawa; Masaaki et al.      |
| US 5924996<br>A  | USPAT | 19990720 | Process and device for detecting the exchange of heat between the human body and the invented device and its correlation to the glucose concentration in human blood | 600/549 | 600/365   | Cho; Ok Kyung et al.        |
| US 5902549<br>A  | USPAT | 19990511 | Analyzer system having sample rack transfer line   | 422/65  | 422/63; 422/64;<br>422/67; 436/47;<br>436/48; 436/50  | Mimura;<br>Tomonori et al.  |
| US D407826       | USPAT | 19990406 | Reagent bottle   | D24/224 |   | Yamazaki;                   |

| S          |       |          |   |         |   | Hajime et al.                |
|------------|-------|----------|---|---------|---|------------------------------|
| US D406351 | USPAT | 19990302 | Reagent bottle  | D24/224 | D9/523  | Yamazaki;<br>Hajime et al.   |
| US 5876670 | USPAT | 19990302 | Multi-item analyzer having plurality of analyzing modules   | 422/65  | 422/67;<br>422/82.01;<br>436/48   | Mitsumaki;<br>Hiroshi et al. |
| US D404831 | USPAT | 19990126 | Reagent bottle holder for a reagent disc  | D24/224 |   | Yamazaki;<br>Hajime et al.   |
| US 5827479 | USPAT | 19981027 | Apparatus for analyzing a plurality of analysis items   | 422/67  | 422/104; 422/63;<br>422/64; 436/43;<br>436/50   | Yamazaki;<br>Hajime et al.   |
| US D399964 | USPAT | 19981020 | Biochemical analysis machine  | D24/186 | D24/231;<br>D24/232   | Katayama;<br>Atsushi et al.  |
| US 5795305 | USPAT | 19980818 | Process and device for non-invasive determination of glucose concentration in parts of the human body | 600/549 | 600/316   | Cho; Ok-Kyung et al.         |
| US 5736100 | USPAT | 19980407 | Chemical analyzer non-invasive stirrer  | 422/64  | 366/127; 422/63;<br>436/174; 436/43;<br>436/47  | Miyake; Ryo et al.           |
| US 5694930 | USPAT | 19971209 | Device for qualitative and/or quantitative analysis of a sample                                       | 600/310 | 356/136   | Pries; Ralf H. et al.        |
| US 5680410 | USPAT | 19971021 | Modified semiconductor laser diode having an integrated temperature control element                   | 372/34  | 372/36  | Kim; Yoon-Ok et al.          |
| US 5677188 | USPAT | 19971014 | Analyzing method and apparatus for liquid sample  | 436/47  | 422/64; 422/67;<br>422/68.1;<br>422/82.05;<br>436/43; 436/55;<br>702/25                           | Mitsumaki;<br>Hiroshi et al. |
| US 5670114 | USPAT | 19970923 | Apparatus of handling reagent for suppressing decrease in effect of reagent                           | 422/67  | 422/100;<br>422/101;<br>422/104; 422/63;<br>422/64; 436/175;<br>436/43; 436/47;<br>436/50; 436/55 | Sakazume; Taku et al.        |
| US 5434083 | USPAT | 19950718 | Method and apparatus for automatically analyzing a plurality of test items                            | 436/48  | 422/64; 422/67;<br>436/50   | Mitsumaki;<br>Hiroshi et al. |
| US 5320966 | USPAT | 19940614 | Method for analyzing samples and automatic processor therefor   | 436/47  | 422/116; 422/63;<br>422/64;<br>422/68.1;<br>436/50; 436/55  | Mitsumaki;<br>Hiroshi et al. |
| US 5288374 | USPAT | 19940222 | Method and apparatus for electrochemical  | 205/779 | 204/409;<br>204/412;  | Watanabe;<br>Miyoko et al.   |

|              |       |          |   |           |   |                              |
|--------------|-------|----------|---|-----------|---|------------------------------|
|              |       |          | analysis and an aqueous solution for use therein                                |           | 204/415;<br>205/781.5;<br>205/788.5;<br>205/789   |                              |
| US D340770 S | USPAT | 19931026 | Operation station machine for a biochemical analysis                            | D24/186   | D24/185;<br>D24/232   | Ohnuma; Mitsuru et al.       |
| US D339639 S | USPAT | 19930921 | Biochemical analyzer  | D24/232   | D24/186;<br>D24/231   | Ohnuma; Mitsuru et al.       |
| US 5147610 A | USPAT | 19920915 | Automatic analyzing apparatus   | 422/64    | 134/155;<br>134/166R;<br>422/62; 422/63;<br>422/65  | Watanabe;<br>Miyoko et al.   |
| US 5104807 A | USPAT | 19920414 | Analyzing apparatus in which liquid can be stirred and analyzing method thereof | 436/47    | 366/218; 422/63;<br>422/64; 422/65;<br>422/67; 494/19   | Mitsumaki;<br>Hiroshi et al. |
| US 4696183 A | USPAT | 19870929 | Method and apparatus of flow analysis   | 205/778.5 | 204/400;<br>204/402;<br>204/409;<br>205/780.5;<br>205/781.5;<br>205/782;<br>73/19.1;<br>73/863.01;<br>73/864.85           | Mitsumaki;<br>Hiroshi et al. |
| US 4680270 A | USPAT | 19870714 | Method and apparatus for conducting flow analysis                               | 205/778   | 204/403.06;<br>204/403.1;<br>204/409;<br>205/779;<br>205/781.5;<br>422/103; 422/81;<br>436/151; 436/52;<br>436/74; 436/79 | Mitsumaki;<br>Hiroshi et al. |